

**TEM Method:
Enrobement of dispersed cells in
low melting temperature agarose**

Agarose: Ultra low melting temp Agarose
Melts at 50C, gels at 8-18C

Prepare 5% agarose in buffer and melt. (Requires prolonged warming at 90C).
Cool to less than 40C.

Add equal mixtures of 5% agarose and fixed cells to an eppendorf tube. Mix with
stick and sediment cells at RT by spinning for 5 min at setting 3.

Cool for 2 h in refrigerator.

Slice off top half of tube then remove pellet with sharpened stick and mince.

Continue processing.

Notes:

Regular agarose can be used but sedimentation must be done at temp above gel
point.

Glutaraldehyde/BSA mixtures can be used for non-immunoEM samples.